

Felipe Cortés Ledesma

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,536
citations

394286

19
h-index

552653

26
g-index

30
all docs

30
docs citations

30
times ranked

3121
citing authors

#	ARTICLE	IF	CITATIONS
1	CDK targets Sae2 to control DNA-end resection and homologous recombination. <i>Nature</i> , 2008, 455, 689-692.	13.7	402
2	A human 5â€²-tyrosyl DNA phosphodiesterase that repairs topoisomerase-mediated DNA damage. <i>Nature</i> , 2009, 461, 674-678.	13.7	364
3	Smc5â€²-Smc6 mediate DNA double-strand-break repair by promoting sister-chromatid recombination. <i>Nature Cell Biology</i> , 2006, 8, 1032-1034.	4.6	170
4	TDP2â€²-Dependent Non-Homologous End-Joining Protects against Topoisomerase IIâ€²-Induced DNA Breaks and Genome Instability in Cells and In Vivo. <i>PLoS Genetics</i> , 2013, 9, e1003226.	1.5	139
5	TDP2/TTRAP Is the Major 5â€²-Tyrosyl DNA Phosphodiesterase Activity in Vertebrate Cells and Is Critical for Cellular Resistance to Topoisomerase II-induced DNA Damage. <i>Journal of Biological Chemistry</i> , 2011, 286, 403-409.	1.6	137
6	Doubleâ€²-strand breaks arising by replication through a nick are repaired by cohesinâ€²-dependent sisterâ€²-chromatid exchange. <i>EMBO Reports</i> , 2006, 7, 919-926.	2.0	132
7	ZATT (ZNF451)â€²-mediated resolution of topoisomerase 2 DNA-protein cross-links. <i>Science</i> , 2017, 357, 1412-1416.	6.0	127
8	TDP2 protects transcription from abortive topoisomerase activity and is required for normal neural function. <i>Nature Genetics</i> , 2014, 46, 516-521.	9.4	122
9	Chd7 is indispensable for mammalian brain development through activation of a neuronal differentiation programme. <i>Nature Communications</i> , 2017, 8, 14758.	5.8	118
10	Non-redundant Functions of ATM and DNA-PKcs in Response to DNA Double-Strand Breaks. <i>Cell Reports</i> , 2015, 13, 1598-1609.	2.9	104
11	The absence of the yeast chromatin assembly factor Asf1 increases genomic instability and sister chromatid exchange. <i>EMBO Reports</i> , 2004, 5, 497-502.	2.0	100
12	Mitotic recombination in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2003, 42, 185-198.	0.8	96
13	ATM specifically mediates repair of double-strand breaks with blocked DNA ends. <i>Nature Communications</i> , 2014, 5, 3347.	5.8	95
14	Equal Sister Chromatid Exchange Is a Major Mechanism of Double-Strand Break Repair in Yeast. <i>Molecular Cell</i> , 2003, 11, 1661-1671.	4.5	90
15	APLF (C2orf13) Is a Novel Component of Poly(ADP-Ribose) Signaling in Mammalian Cells. <i>Molecular and Cellular Biology</i> , 2008, 28, 4620-4628.	1.1	85
16	Does Tyrosyl DNA Phosphodiesterase-2 Play a Role in Hepatitis B Virus Genome Repair?. <i>PLoS ONE</i> , 2015, 10, e0128401.	1.1	69
17	The Dot1 Histone Methyltransferase and the Rad9 Checkpoint Adaptor Contribute to Cohesin-Dependent Double-Strand Break Repair by Sister Chromatid Recombination in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2009, 182, 437-446.	1.2	57
18	Different genetic requirements for repair of replication-born double-strand breaks by sister-chromatid recombination and break-induced replication. <i>Nucleic Acids Research</i> , 2007, 35, 6560-6570.	6.5	22

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19	GSE4 peptide suppresses oxidative and telomere deficiencies in ataxia telangiectasia patient cells. <i>Cell Death and Differentiation</i> , 2019, 26, 1998-2014.	5.0	22
20	A Novel Yeast Mutation, rad52-L89F, Causes a Specific Defect in Rad51-Independent Recombination That Correlates With a Reduced Ability of Rad52-L89F to Interact With Rad59. <i>Genetics</i> , 2004, 168, 553-557.	1.2	21
21	Competing roles of DNA end resection and non-homologous end joining functions in the repair of replication-born double-strand breaks by sister-chromatid recombination. <i>Nucleic Acids Research</i> , 2013, 41, 1669-1683.	6.5	14
22	Endogenous topoisomerase II-mediated DNA breaks drive thymic cancer predisposition linked to ATM deficiency. <i>Nature Communications</i> , 2020, 11, 910.	5.8	14
23	Divergent Requirement for a DNA Repair Enzyme during Enterovirus Infections. <i>MBio</i> , 2016, 7, e01931-15.	1.8	13
24	Regulation of human polf β by ATM-mediated phosphorylation during non-homologous end joining. <i>DNA Repair</i> , 2017, 51, 31-45.	1.3	13
25	Genome-wide prediction of topoisomerase II β binding by architectural factors and chromatin accessibility. <i>PLoS Computational Biology</i> , 2021, 17, e1007814.	1.5	8
26	Sister chromatid recombination. , 2006, , 221-249.		1
27	APLF (C2orf13) Is a Novel Component of Poly(ADP-Ribose) Signaling in Mammalian Cells. <i>Molecular and Cellular Biology</i> , 2008, 28, 7261-7261.	1.1	1
28	Analysis of Relevance and Redundance on Topoisomerase 2b (TOP2B) Binding Sites: A Feature Selection Approach. <i>Lecture Notes in Computer Science</i> , 2018, , 86-101.	1.0	0